

What Is Claimed Is:

1. A method of fabricating a spacer for a liquid crystal display device, comprising the steps of:
 - forming a transparent electrode on a substrate;
 - forming an orientation film on the transparent electrode; and
 - forming a spacer on the orientation film by spraying a material through an inkjet nozzle.
2. The method according to claim 1, wherein the spacer is dot-shaped.
3. The color filter substrate according to claim 1, wherein the spacer is formed from at least a transparent organic material mixed with a volatile solvent.
4. The color filter substrate according to claim 3, wherein the transparent organic material is at least a resin of an acryl family.
5. The color filter substrate according to claim 3, wherein a viscosity of the transparent organic material is within a range of about 3cp to 20cp.
6. The color filter substrate according to claim 1, wherein a height of the spacer is within a range of about $1\mu\text{m}$ to $5\mu\text{m}$ and a top area of the spacer is within a range of about $5\times 5\mu\text{m}^2$ to $10\times 10\mu\text{m}^2$.

7. A color filter substrate, comprising:
 - a substrate;
 - a black matrix and a sub-color filter formed on the substrate;
 - a transparent electrode formed on the black matrix and the sub-color filter;
 - an orientation film on the transparent electrode; and
 - a spacer formed on the orientation film,wherein an upper surface of the spacer is convex.
8. The color filter substrate according to claim 7, further comprising a planarization film on the black matrix and the sub-color filter.
9. The color filter substrate according to claim 7, wherein the spacer is formed from at least a transparent organic material mixed with a volatile solvent.
10. The color filter substrate according to claim 9, wherein the transparent organic material is at least a resin of an acryl family.
11. The color filter substrate according to claim 10, wherein a viscosity of the transparent organic material is within a range of about 3cp to 20cp.

12. The color filter substrate according to claim 7, wherein a height of the spacer is within a range of about $1\mu\text{m}$ to $5\mu\text{m}$ and a top area of the spacer is within a range of about $5\times 5\mu\text{m}^2$ to $10\times 10\mu\text{m}^2$.

13. A method of fabricating a color filter substrate, comprising the steps of:

forming a sub-color filter and a black matrix on a substrate;

forming a transparent electrode on the sub-color filter and the black matrix;

forming an orientation film on the transparent electrode; and

forming a spacer on the orientation film by spraying a material through an inkjet nozzle.

14. The method according to claim 13, further comprising the step of forming a planarization film on the sub-color filter and the black matrix.

15. The method according to claim 13, wherein the spacer is formed from at least a transparent organic material mixed with a volatile solvent.

16. The method according to claim 15, wherein the transparent organic material is an acrylic resin.

17. The method according to claim 16, wherein a viscosity of the transparent organic material is within a range of about 3cp to 20cp.

18. The method according to claim 13, wherein a height of the spacer is within a range of about $1\mu\text{m}$ to $5\mu\text{m}$ and a top area of the spacer is within a range of about $5\times 5\mu\text{m}^2$ to $10\times 10\mu\text{m}^2$.

19. The method according to claim 13, wherein the spacer is dot-shaped.

20. The method according to claim 13, wherein the spacer has a convex upper surface.

Project "BOSSA" OF